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DATE: Monday, January 12, 2004

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<input type="checkbox"/>	L9	l6 and L8	7
<input type="checkbox"/>	L8	stamp\$4	170622
<input type="checkbox"/>	L7	l1 and L6	10
<input type="checkbox"/>	L6	resist thin film	322
<input type="checkbox"/>	L5	l1 and L4	1919
<input type="checkbox"/>	L4	photosensitive same pattern or photoresist pattern	44296
<input type="checkbox"/>	L3	l1 same L2	4
<input type="checkbox"/>	L2	micro adj asperit\$3 adj pattern	6
<input type="checkbox"/>	L1	die	441968

END OF SEARCH HISTORY

NAME
HANEHIRO, MASANOBU
KUWANO, ATSUSHI
RIKUKAWA, MASAHIRO
YAMADA, MITSUO

COUNTRY

US-CL-CURRENT: 430/321
INT-CL (IPC): B29D 17/00; G11B 7/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 6. Document ID: JP 02050331 A

L9: Entry 6 of 7

File: JPAB

Feb 20, 1990

PUB-NO: JP402050331A
DOCUMENT-IDENTIFIER: JP 02050331 A
TITLE: PRODUCTION OF STAMPER FOR OPTICAL CARD

PUBN-DATE: February 20, 1990

INVENTOR-INFORMATION:

NAME
KANO, NAOYA
ISHIZAKI, TAKESHI

COUNTRY

US-CL-CURRENT: 346/135.1
INT-CL (IPC): G11B 7/26; B42D 15/10; G06K 19/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 7. Document ID: JP 2001084580 A

L9: Entry 7 of 7

File: DWPI

Mar 30, 2001

DERWENT-ACC-NO: 2001-323320
DERWENT-WEEK: 200134
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TITLE: Magnetic disc manufacture involves providing magnetic property to magnetic layers form on each side of non-magnetic substrate opposing servo mark section and data track

PRIORITY-DATA: 1999JP-0258095 (September 10, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2001084580 A	March 30, 2001		013	G11B005/84

INT-CL (IPC): G11 B 5/82; G11 B 5/84; G11 B 21/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Clip Img	Image
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(L6 AND L8).PGPB,USPT,EPAB,JPAB,DWPI.	7

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L3: Entry 1 of 4

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020125588

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020125588 A1

TITLE: Manufacturing method and apparatus of optical device and reflection plate provided with resin thin film having micro-asperity pattern

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ikeda, Masaaki	Kyoto-shi		JP	
Funamoto, Akihiro	Kyoto-shi		JP	
Matsushita, Motohiko	Kyoto-shi		JP	
Aoyama, Shigeru	Kyoto-shi		JP	

APPL-NO: 10/ 092336 [PALM]

DATE FILED: March 6, 2002

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2001-062416	2001JP-2001-062416	March 6, 2001

INT-CL: [07] B29 D 11/00, B29 C 61/04

US-CL-PUBLISHED: 264/1.6; 264/2.2, 264/85, 264/102, 101/4

US-CL-CURRENT: 264/1.6; 101/4, 264/102, 264/2.2, 264/85

REPRESENTATIVE-FIGURES: 2

ABSTRACT:

There is provided a manufacturing method of an optical device having a micro-asperity pattern that has various kinds of accurate three-dimensional shapes and is realized as thin films. A substrate is coated with a resin thin film made of a photosensitive resin, and the temperature of the resin thin film is controlled so as to be lower than the photosensitivity extinction temperature of the resin thin film. A micro-asperity pattern of a stamper is pressed against the resin thin film when the resin thin film is in a softened or melted state by pressurizing means, whereby a micro-asperity pattern is formed on the surface of the resin thin film.

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☐ 1. Document ID: US 5527497 A

L9: Entry 1 of 7

File: USPT

Jun 18, 1996

US-PAT-NO: 5527497

DOCUMENT-IDENTIFIER: US 5527497 A

**** See image for Certificate of Correction ****

TITLE: Process and apparatus for manufacturing substrate sheet for optical recording mediums, and process for preparing stamper

DATE-ISSUED: June 18, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanome; Osamu	Yokohama			JP
Kamitakahara; Hirofumi	Yokohama			JP
Toshida; Yomishi	Yokohama			JP
Santo; Tsuyoshi	Yokohama			JP
Yoshino; Hitoshi	Zama			JP
Yuasa; Toshiya	Kawasaki			JP
Tanabe; Hiroshi	Kawasaki			JP

US-CL-CURRENT: 264/1.33, 264/1.6, 264/210.2, 264/284, 264/39, 425/230, 425/327, 425/367, 425/385, 425/810

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Assignments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 5347510 A

L9: Entry 2 of 7

File: USPT

Sep 13, 1994

US-PAT-NO: 5347510

DOCUMENT-IDENTIFIER: US 5347510 A

**** See image for Certificate of Correction ****

TITLE: Method of manufacturing a master plate where its guide groove has an inclined angle

DATE-ISSUED: September 13, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirokane; Junji	Nara			JP
Katayama; Hiroyuki	Nara			JP
Nakayama; Junichiro	Shiki			JP
Mieda; Michinobu	Shiki			JP
Ohta; Kenji	Kitakatsuragi			JP

US-CL-CURRENT: 369/275.5; 369/275.4, 369/277, 430/270.1, 430/323, 430/496

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: US 4539079 A

L9: Entry 3 of 7

File: USPT

Sep 3, 1985

US-PAT-NO: 4539079

DOCUMENT-IDENTIFIER: US 4539079 A

TITLE: Method and apparatus for electroforming a stamper for producing a high-density information recording carrier

DATE-ISSUED: September 3, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okabayashi; Norio	Himeji			JP

US-CL-CURRENT: 205/68; 204/212, 204/DIG.13, 205/96, 205/99

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: JP 2001084580 A

L9: Entry 4 of 7

File: JPAB

Mar 30, 2001

PUB-NO: JP02001084580A

DOCUMENT-IDENTIFIER: JP 2001084580 A

TITLE: PRODUCTION OF MAGNETIC RECORDING MEDIUM

PUBN-DATE: March 30, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
MORITA, OSAMI	
FUKUYAMA, MUNEKATSU	

INT-CL (IPC): G11 B 5/84; G11 B 5/82; G11 B 21/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw Desc	Image
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☐ 5. Document ID: JP 02245319 A

L9: Entry 5 of 7

File: JPAB

Oct 1, 1990

PUB-NO: JP402245319A

DOCUMENT-IDENTIFIER: JP 02245319 A

TITLE: MANUFACTURE OF STAMPER FOR OPTICAL DISC AND OF OPTICAL DISC BOARD UTILIZED THE SAME

PUBN-DATE: October 1, 1990

INVENTOR-INFORMATION: